

From: (b)(6) .NAVFAC MIDLANT, ROICC Camp Lejeune
To: (b)(6) .NAVFAC MIDLANT, BD; (b)(6) .NAVFAC MIDLANT, Staff; (b)(6) (b) .NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) .NAVFAC MIDLANT, ROICC Camp Lejeune
Subject: Correspondence Regarding Group III (Email 6), Freedom of Information Act (FOIA) Request DON-NAVY-2017-003161 - Camp Lejeune - P1383 & P1384 Base Entry Point / CLEO Building Projects Contract No. K1310-002-S / Project Number K1310 SLO Case No. 16-970
Date: Friday, May 12, 2017 13:27:57
Attachments: [Non-DoD Source TRANSMITTAL 1262 SPEC 27 10 00 TELECOMMUNICATIONS CABLING SYSTEM SD-03 OUTDOOR RATED CAT-6 CABLE.msg](#)
[Non-DoD Source FW INDOOROUTDOOR CAT-6 CABLE.msg](#)
[RE CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT .msg](#)
[Non-DoD Source FW CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT .msg](#)
[RE Transmittal 1217 REV1 SPEC 23 08 00.00 10 COMMISSIONING OF HVAC SYSTEMS SD-02 AND SD-03.msg](#)
[RE P-1383 Non-DoD Source Re PRELIMINARY CLEO TAB REPORT.msg](#)
[Non-DoD Source FW Transmittal 1217 REV1 SPEC 23 08 00.00 10 COMMISSIONING OF HVAC SYSTEMS SD-02 AND SD-03.msg](#)
[RE P-1383 Non-DoD Source Re PRELIMINARY CLEO TAB REPORT.msg](#)
[Non-DoD Source RE CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT .msg](#)
[RE CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT .msg](#)
[RE P-1383 Non-DoD Source Re PRELIMINARY CLEO TAB REPORT.msg](#)
[Non-DoD Source CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT .msg](#)
[Non-DoD Source CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT .msg](#)

FYI

(b)(6)
Contract Specialist
ROICC Camp Lejeune

(b)(6)
DSN (b) fax
(b)(6)
(b)(6)

From: (b)(6)
To: (b)(6) NAVFAC MIDLANT, CI (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune;
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune (b)(6)
(b)(6)
Cc: (b)(6) (PM, Group III Management); (b)(6)
(Group III Mgt Superintendent) (b)(6)
Subject: [Non-DoD Source] CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT
Date: Thursday, May 19, 2016 16:59:00
Attachments: [image001.png](#)
Importance: High

Good afternoon (b)(6). The acoustic wall panel color that was submitted and approved in the submittal is no longer available. The fabric style you proposed was a Maharam fabric style and the color was TEK-WALL view 399432; 004 glacier. The manufacturer says this color is being phased out. They don't have any leftover stock. Maharam recommends the following as alternatives.

Tek-Wall 1002 001

Tek-Wall Annex 001, 002, 008

Tek-Wall Band 001

Tek-Wall Drift 004

Tek-Wall Lintel 003, 004

Tek-wall Measure Backed 003, 001

Tek-Wall Ramble 001

Tek-Wall Steward 001

Tek-Wall Tint 003, 002

Tek-Wall View 001, 003, 102

These can be viewed easily and clearly on their website at <http://maharam.com/search?query=tek-Wall>
<<http://maharam.com/search?query=tek-Wall>>

Will you please review and select an alternate color? Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

Dragados USA, Inc. is An Equal Opportunity Employer

From: (b)(6)
To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, CI
Cc: (b)(6) (PM, Group III Management); (b)(6)
Subject: [Non-DoD Source] FW: Transmittal 1217, REV1, SPEC 23 08 00.00 10, COMMISSIONING OF HVAC SYSTEMS, SD-02 AND SD-03
Date: Thursday, May 26, 2016 8:26:56
Attachments: [image001.png](#)

Good afternoon (b)(6). These are not reasons for rejection of the submittal. Not sure if this is what you meant? If there is a system that is not in the project than the commissioning agent can mark "N/A". Alternatively (b)(6) can reply "Concur with comment and his comment can be to strike the systems not on the project for the final report. Do you agree? Thanks. R (b)(6)

Good afternoon (b)(6). I never saw a response from AMEC/CEMS. Thanks. R (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

Dragados USA, Inc. is An Equal Opportunity Employer

-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune
[<mailto:raymond.conroy@navy.mil>]
Sent: Friday, May 20, 2016 6:32 AM
To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) (AMEC Programs); (b)(6) (b)(6) NAVFAC MIDLANT, CI
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: RE: Transmittal 1217, REV1, SPEC 23 08 00.00 10, COMMISSIONING OF HVAC SYSTEMS, SD-02 AND SD-03

(b)(6),

The only comments were from (b)(6) " Table 12.1 Group 3 top section appears to include systems not in the project (i.e.: Nat. Gas Boilers, etc.)".

We're trying to locate the hard copies so you have an official response, where/who were they sent to?

(b) has been handling this and he is out for three weeks and I do not want to hold you up.

(b)(6)

Engineering Technician

-----Original Message-----

From (b)(6) [mailto:(b)(6)] <mailto:(b)(6)>]

Sent: Wednesday, May 18, 2016 3:52 PM

To (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) (AMEC Programs); (b)(6) (b)(6) <mailto:(b)(6)>); (b)(6) (b)(6) <mailto:(b)(6)> > (b)(6) <mailto:(b)(6)> >); (b)(6) NAVFAC MIDLANT, CI

Cc (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group III Mgt Superintendent); (b)(6) <mailto:(b)(6)>

Subject: [Non-DoD Source] FW: Transmittal 1217, REV1, SPEC 23 08 00.00 10, COMMISSIONING OF HVAC SYSTEMS, SD-02 AND SD-03

Good afternoon. Is there a designer response to this re-submittal of the CLEO HVAC commissioning submittal?
Thanks. R (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6) <mailto:(b)(6)>

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Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<(b)(6)>

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NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) (AMEC Programs); (b)(6)
(b)(6)
(b)(6) NAVFAC MIDLANT, CI
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6)
(b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: RE: Transmittal 1217, REV1, SPEC 23 08 00.00 10, COMMISSIONING OF HVAC SYSTEMS, SD-02 AND SD-03

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Sent: Wednesday, May 18, 2016 3:52 PM

To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) (AMEC Programs); (b)(6) (b)(6) (b)(6) NAVFAC MIDLANT, CI

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Thanks. R (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

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Cc: (b)(6) [\(PM, Group III Management\)](#)
Subject: [Non-DoD Source] TRANSMITTAL 1262, SPEC 27 10 00, TELECOMMUNICATIONS CABLING SYSTEM, SD-03, OUTDOOR RATED CAT-6 CABLE
Date: Thursday, June 02, 2016 12:36:26
Attachments: [image001.png](#)
[TRANSMITTAL 1262, SPEC 27 10 00, TELECOMMUNICATIONS CABLING SYSTEM, SD-03, OUTDOOR RATED CAT-6 CABLE.pdf](#)

Good morning (b)(6). Attached is product data for the outdoor-rated telecomm cable for the CLEO building. Steve Daigle has already stated this product is acceptable. Hard copies of this transmittal are enroute to your office. Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | cid:image001.png@01CCA871.8C8E7960 |

From: (b)(6)
Sent: Thursday, June 02, 2016 10:25 AM
To: (b)(6) (NAVFAC Contract Spec); (b)(6)
(b)(6)
Cc: (b)(6) (Dragados Senior Vice President); (b)(6) (Dragados QC Specialist); (b)(6) (PM, Group III Management)
Subject: FW: INDOOR/OUTDOOR CAT-6 CABLE

Good morning. Below is Base Telephone's approval of an outdoor-rated CAT-6 cable we intend on using at the CLEO building. My QC Manager will submit this product data sheet today but with (b)(6) prior approval of the material I am authorizing my sub to install it tomorrow (3Jun). Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

-----Original Message-----

From: (b)(6) [\[mailto:\(b\)\(6\)\]](#)
Sent: Thursday, June 02, 2016 10:02 AM
To: (b)(6)
Cc: (b)(6)
(b)(6)
Subject: RE: INDOOR/OUTDOOR CAT-6 CABLE

The attached product data sheet is acceptable to Base Telephone for the conduit running through the slab at the CLEO building, but only the ROICC can approve.

I can only advise and recommend but have no approval authority, please contact
the CM or ET for proper submittal procedures on the attached ...

(b)(6)

Lead Investigator / Inspector / IT Project Manager

Base Telephone Building 25

(b)(6)

-----Original Message-----

From: (b)(6) [mailto:(b)(6)] <mailto:(b)(6)>]

Sent: Thursday, June 02, 2016 9:47 AM

To: (b)(6)

Cc: (b)(6) <mailto:(b)(6)> ; (b)(6) (PM, Group III
Management)

Subject: [Non-DoD Source] INDOOR/OUTDOOR CAT-6 CABLE

Good afternoon (b)(6) Would you please review that attached product data
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(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<mailto:(b)(6)>

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From: (b)(6)
To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) CIV NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune
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(b)(6) | Deputy Project Manager & Small Business Liaison | |

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Lead Investigator / Inspector / IT Project Manager

Base Telephone Building 25

(b)(6)

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Sent: Thursday, June 02, 2016 9:47 AM

To: (b)(6)

Cc: (b)(6) <mailto:(b)(6)> ; (b)(6) (PM, Group III
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(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<mailto:(b)(6)>

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CONTRACTOR'S SUBMITTAL TRANSMITTAL

LANTDIV NORFOLK 4-43553 (Rev. 11-80)

CONTRACT NO.

N40085-12-C-7714

TRANSMITTAL NO.

06022016 1262

DATE

6/2/2016

FROM CONTRACTOR

Dragados USA -

(b)(6)

PROJECT TITLE AND LOCATION

P1383 & P1384 - New Base Entry Point and Road at MCB Camp Lejeune

(b)(6)

Supervisory Construction Mgr

CONTRACTOR USE ONLY

*List only one specification division per form

List only one of the following categories on each transmittal form.
and indicate which is being submitted☐ Contractor Approved☒ OICC Approval☐ Deviation/Substitution
For OICC Approval

REVIEWER USE ONLY

** ACTION CODES

A-Approved

D-Disapproved

AN-Approved as noted

RA-Receipt acknowledged

C-Comments

R-Resubmit

ITEM NO	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., Mfg name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES ***	REVIEWER'S INITIALS CODE AND DATE
1	27 10 00	Building Telecommunications Cabling System	3		
		VISITOR'S CENTER			
		SD-03 Product Data - Telecommunications Cabling			
	para 2.3.1.	COMTRAN indoor/outdoor CAT-6 cable: 23AWG, polyethylene insulation			

CONTRACTOR'S COMMENTS

This material is for the under-slab conduit at the CLEO site. Thanks. R/

		CONTRACTOR	(b)(6)
DATE RECEIVED BY REVIEWER	FROM (Reviewer)		

- ☐ Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- ☐ Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

COPIES TO:
ROICC (2)
LANTDIV (1)
A-E (1)

DATE

SIGNATURE



Comtran Cable LLC
330A Turner Street
South Attleboro, MA 02703-7714
(P) 508-399-7004
(F) 508-399-7360
www.ComtranCorp.com

Design Specification 35952

Category 6 Indoor/Outdoor LSZH CM-LS

Construction:

- * Conductors: 23 AWG Solid Bare Copper per ASTM B-3
- * Insulation: Polyethylene
- * Pair Assembly: Color Coded Conductors Twisted to Varying Lays
- * Cable Assembly: 4 Pairs Cabled With a LSZH X-Web
- * Flooding Compound
- * Jacket: Black LSZH
Nominal OD = .290"

Features:

- * Prevents Against Moisture Migration
- * Superior 4 pair Balance for Increased Margins
- * Exceeds the Limited 50 ft. Entrance of Standard OSP Cables
- * Excellent Cross Talk characteristics

Compliance:

- * ETL Verified ANSI/TIA-568-C.2 Cat 6
- * UL Subject 444 Communications Cables
- * UL Listed type CM-LS
- * Sunlight Resistant Per UL 2556
- * NEC Article 800
- * ICEA S-90-661
- * California State Fire Marshal
- * RoHS Compliant
- * Voltage Rating 300

Common Applications:

- * Gigabit Ethernet (1000Base-T)
- * Multimedia & ISDN
- * High Speed Voice/Data applications
- * 1.2 Gbps Ethernet
- * Broadband Video

Category 6 Electricals

(Per ANSI/TIA 568-C.2)

Char. Impedance	Return Loss	Attenuation	NEXT	PSNEXT	ACRF	PSACRF
Freq. (MHz)	(Ohms)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
(+/-15)	(Min)	(Max)	(Min)	(Min)	(Min)	(Min)
1	100	20	2	74.3	72.3	67.8
4	100	23	3.8	65.3	63.3	55.8
8	100	24.5	5.3	60.8	58.8	49.7
10	100	25	6	59.3	57.3	47.8
16	100	25	7.6	56.2	54.2	43.7
20	100	25	8.5	54.8	52.8	41.8
25	100	24.3	9.5	53.3	51.3	39.8
31.25	100	23.6	10.7	51.9	49.9	37.9
62.5	100	21.5	15.4	47.4	45.4	31.9
100	100	20.1	19.8	44.3	42.3	27.8
125	100	19.4	22.4	42.9	40.9	25.8
155	100	18.8	25.2	41.4	39.4	23.9
175	100	18.4	26.9	40.7	38.7	22.9
200	100	18	29	39.8	37.8	21.8
250	100	17.3	32.8	38.3	36.3	19.8

Print: COMTRAN CABLE LLC COM-LINK INDOOR/OUTDOOR CAT 6 250 MHZ 23 AWG CM-LS C(UL)US SUNLIGHT
RESISTANT ETL VERIFIED TO ANSI/TIA-568-C.2 CATEGORY 6 ROHS (01-12345) 000002

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	
						35952
35952	01	8/6/14	BAL	JB	Initial Release	Page 1 of 1

From: (b)(6)
To: (b)(6) [NAVFAC MIDLANT, CI](#) (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#)
Subject: [Non-DoD Source] RE: CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT
Date: Wednesday, May 25, 2016 15:12:06

(b)(6) I'll let you know ASAP. Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison |
311 Parachute Tower Road | Camp Lejeune, NC 28542 |
Phone: w (b)(6) | d (b)(6) | Email: (b)(6)
Dragados USA, Inc. is An Equal Opportunity Employer
**** Confidential ****

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-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, CI [[mailto:\(b\)\(6\)](#)]
Sent: Wednesday, May 25, 2016 1:50 PM
To: (b)(6); (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
Cc: (b)(6) (PM, Group III Management); (b)(6)
(b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: RE: CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT

(b)(6)

Are any of the following available?

Tek-wall Parable 398650 #006 Value
Tek-wall Subject 399535 #003 Snowcap
Tek Wall Sum 399592 #003 Blizzard

Any of those three would be acceptable.

V/r,
(b)(6), CID
NAVFAC Mid-Atlantic
Capital Improvements, CI4B
Interior Designer
Office (b)(6)
Fax: (b)(6)
(b)(6)

-----Original Message-----

From: (b)(6) [[mailto:\(b\)\(6\)](#)]
Sent: Thursday, May 19, 2016 5:10 PM
To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, ROICC
Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
(b)(6)
Cc: (b)(6) (PM, Group III Management); (b)(6)

(b)(6) (Group III Mgt Superintendent); (b)(6)

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Importance: High

RE-SENDING: I forgot to include supporting information. Thanks. R/

Good afternoon (b)(6). The acoustic wall panel color that was submitted and approved in the submittal is no longer available. The fabric style you proposed was a Maharam fabric style and the color was TEK-WALL view 399432; 004 glacier. The manufacturer says this color is being phased out. They don't have any leftover stock. Maharam recommends the following as alternatives.

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Tek-Wall Drift 004

Tek-Wall Lintel 003, 004

Tek-wall Measure Backed 003, 001

Tek-Wall Ramble 001

Tek-Wall Steward 001

Tek-Wall Tint 003, 002

Tek-Wall View 001, 003, 102

These can be viewed easily and clearly on their website at <http://maharam.com/search?query=tek-Wall>
<<http://maharam.com/search?query=tek-Wall>>

Will you please review and select an alternate color? Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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From: (b)(6)
To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune;
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune (b)(6)
(b)(6)
Cc: (b)(6) (PM, Group III Management) (b)(6)
(Group III Mgt Superintendent); (b)(6)
Subject: [Non-DoD Source] CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT
Date: Thursday, May 19, 2016 17:11:09
Attachments: [image001.png](#)
[ACOUSTIC PANEL BACKUP INFO.pdf](#)
Importance: High

RE-SENDING: I forgot to include supporting information. Thanks. R/

Good afternoon (b)(6). The acoustic wall panel color that was submitted and approved in the submittal is no longer available. The fabric style you proposed was a Maharam fabric style and the color was TEK-WALL view 399432; 004 glacier. The manufacturer says this color is being phased out. They don't have any leftover stock. Maharam recommends the following as alternatives.

Tek-Wall 1002 001

Tek-Wall Annex 001, 002, 008

Tek-Wall Band 001

Tek-Wall Drift 004

Tek-Wall Lintel 003, 004

Tek-wall Measure Backed 003, 001

Tek-Wall Ramble 001

Tek-Wall Steward 001

Tek-Wall Tint 003, 002

Tek-Wall View 001, 003, 102

These can be viewed easily and clearly on their website at <http://maharam.com/search?query=tek-Wall>
<<http://maharam.com/search?query=tek-Wall>>

Will you please review and select an alternate color? Thanks. R/ (b)(6)

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | d (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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CONTRACTOR'S SUBMITTAL TRANSMITTAL
LANTDIV NORFOLK 4-43563 (Rev. 11-80)

FROM CONTRACTOR

Dragados USA - (b)(6)

TO

OICC (b)(6) USN, CEC

CONTRACT NO.

N40085-12-C-7714

TRANSMITTAL NO.

06252014 808

DATE

6/25/2014

PROJECT TITLE AND LOCATION

P1383 & P1384 - New Base Entry Point and Road at MCB Camp Lejeune

CONTRACTOR USE ONLY

*List only one specification division per form

List only one of the following categories on each transmittal form.
 and indicate which is being submitted

☐ Contractor Approved

☐ OICC Approval

☐ Deviation/Substitution
 For OICC Approval

REVIEWER USE ONLY

**** ACTION CODES**

A-Approved
 D-Disapproved
 AN-Approved as noted
 RA-Receipt acknowledged
 C-Comments
 R-Resubmit

ITEM NO	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., Mfg name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES	REVIEWER'S INITIALS CODE AND DATE
1	09 83 13	Acoustical Wall Treatment	3	A	9/10/14 ASK
	para 1.2.	SD-02, Shop drawings			
	para 2.1.	SD-03, Product data		A	9/10/14 ASK
		Conwed Designscape - Respond ACT acoustical panels			
	para 2.1.A.	Deviation #1, Panel width: Specs call for 24"x24", plan detail sheet A-402 call for 18"x18". We are submitting 18"x18" in this submittal.		A	9/10/14 ASK
	Para 2.1.D.	Deviation #2, Fabric covering: Spec call for 58% polyolefin and 42% post-consumer recycled polyester. Product submitted is 100% post-consumer recycled polyester.		A	9/10/14 ASK
	para 2.2	Color: Sample provided, Maharam, matches room finish schedule, plan sheet A-602		A	9/10/14 ASK
	para 1.2.	SD-04, Product samples		A	9/10/14 ASK
	para 1.2.	SD-07, Certificates			

CONTRACTOR'S COMMENTS

Thanks. R/

CONTRACTOR REPRESENTATIVE (Signature)

DATE RECEIVED BY REVIEWER

FROM (Reviewer)

TO

☒ Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.

☐ Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

COPIES TO:

ROICC (2)
 LANTDIV (1)
 A-E (1)

DATE

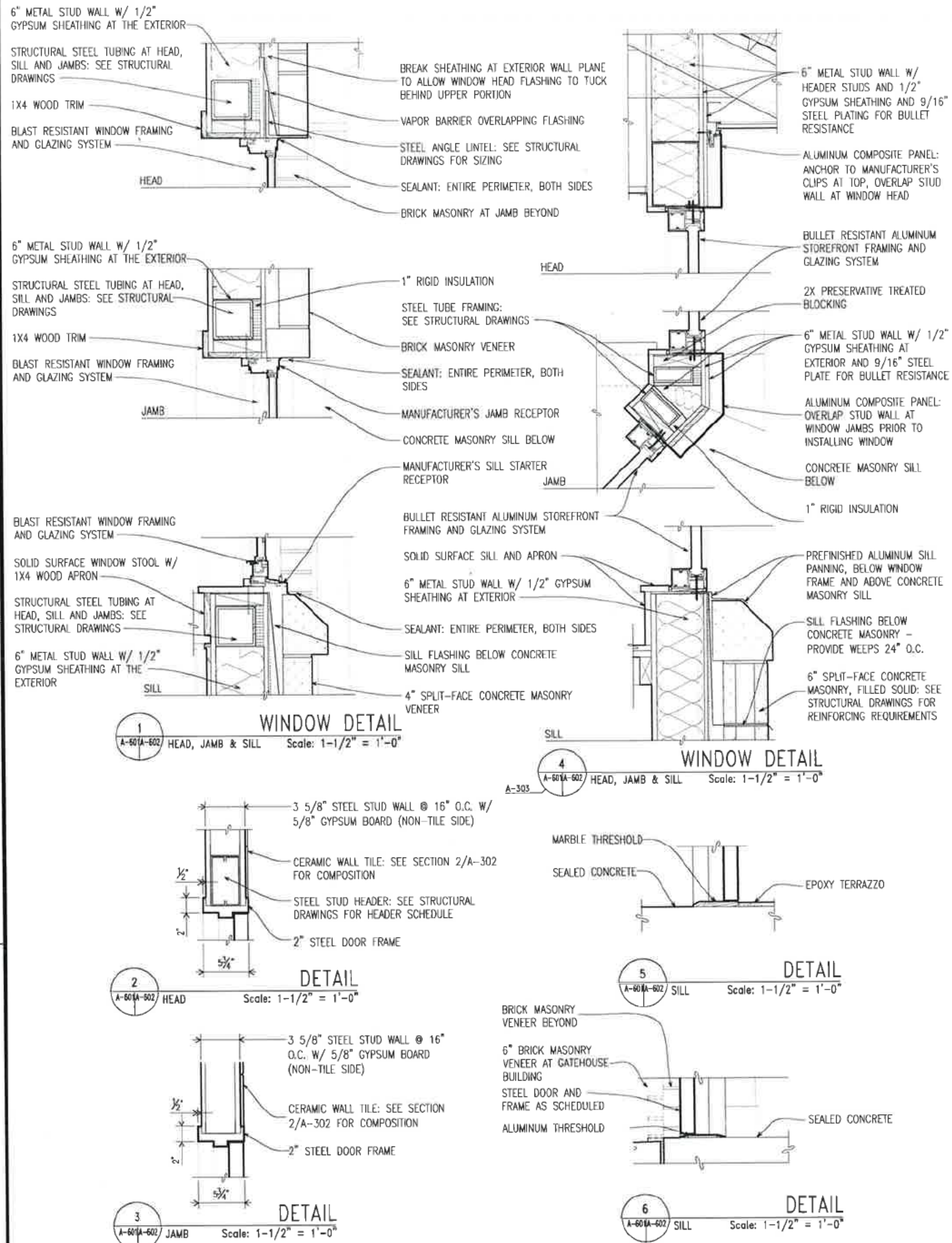
9/10/14

SIGNATURE

(b)(6)

2 OCT 2014

S:\projects\2009\0901 - CL - Sub to MACTEC-RK&K - New Base Entry Point & Road\dwg\0901 A-601 thru A-602.dwg
6/4/2010
S:\projects\2009\0901 - CL - Sub to MACTEC-RK&K - New Base Entry Point & Road\dwg\0901 A-601 thru A-602.dwg
per



ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	KEY	WALLS	KEY	BASE	KEY	CEILING	KEY	REMARKS
101	VESTIBULE	RECESSED ENT. MAT	REM-1	BRICK/STOREFRONT	-	TERRAZZO	TB-1	PNTD GWB	PNT-2	
102	SEATING	TERRAZZO	T-1	PNTD GWB, WD WAINSCOTT	PNT-1, ST-1	TERRAZZO	TB-1	WOOD - STAIN	ST-1	
103	WAITING/QUEUING	TERRAZZO	T-1	PNTD GWB, WD WAINSCOTT	PNT-1, ST-1	TERRAZZO	TB-1	WOOD - STAIN	ST-1	
104	SERVICE COUNTER	TERRAZZO	T-1	PNTD GWB, WD WAINSCOTT	PNT-1, ST-1	TERRAZZO	TB-1	WOOD - STAIN	ST-1	
105	VENDING	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
106	JANITOR	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
107	MECHANICAL	SEALED CONCRETE	----	PNTD GWB	PNT-1	RUBBER	RB-1	PNTD GWB	PNT-2	
108	ELECTRICAL	SEALED CONCRETE	----	PNTD GWB	PNT-1	RUBBER	RB-1	PNTD GWB	PNT-2	
109	UNISEX HEAD	TERRAZZO	T-1	CERAMIC TILE	CT-1, CT-2	-	-	PNTD GWB	PNT-2	②
110	CLOSET	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
111	CORRIDOR	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
112	BREAK	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
113	OFFICE/INTOXILATOR	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
114	CORRIDOR	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
115	OFFICE	TERRAZZO	T-1	PNTD GWB	PNT-1	TERRAZZO	TB-1	ACOUSTIC TILE CEILING	ATC-1	
116	NMCI/COMM	SEALED CONCRETE	----	PNTD GWB	PNT-1	RUBBER	RB-1	PNTD GWB	PNT-2	
117	FEMALE HEAD	TERRAZZO	T-1	CERAMIC TILE	CT-1, CT-2	-	-	PNTD GWB	PNT-2	②
118	MALE HEAD	TERRAZZO	T-1	CERAMIC TILE	CT-1, CT-2	-	-	PNTD GWB	PNT-2	②
119	VESTIBULE	RECESSED ENT. MAT	REM-1	BRICK/STOREFRONT	-	TERRAZZO	TB-1	PNTD GWB	PNT-2	
121	GATEHOUSE OBSERVATION	TERRAZZO	T-1	TEXTURE ACRYLIC COATING	TAC-1	TERRAZZO	TB-1	ACOUSTIC CEILING TILE	ACT-1	
122	NMCI	SEALED CONCRETE	----	PNTD GWB	PNT-1	RUBBER	RB-1	PNTD GWB	PNT-2	
123	STORAGE	SEALED CONCRETE	----	PNTD GWB	PNT-1	RUBBER	RB-1	PNTD GWB	PNT-2	
124	MECHANICAL	SEALED CONCRETE	----	PNTD GWB	PNT-1	RUBBER	RB-1	PNTD GWB	PNT-2	
125	HEAD	TERRAZZO	T-1	CERAMIC TILE	CT-1, CT-2	TERRAZZO	TB-1	PNTD GWB	PNT-2	

NOTES:

"GWB" DENOTES GYPSUM WALLBOARD.
"ATC" DENOTES ACOUSTIC TILE CEILING.

REMARKS:

- ① GWB TO BE MOISTURE RESISTANT.
② CT-2 ON INDICATED WALL ONLY. CT-1 ON REMAINING WALLS.
SEE TOILET ROOM PLANS FOR CT-2 LOCATION.

ROOM FINISH KEY

FINISH	KEY	MANUFACTURER	STYLE	COLOR	REMARKS
FLOORING					
TERRAZZO	T-1	DAVID ALLEN COMPANY	MTT 1502	CHINA WHITE #1 80%	MTT 1502
				ENVIROBLUE #1 20%	
RECESSED ENTRANCE MAT	REM-1	RONICK MATTING SYSTEMS	PEDIGRID (G1)	ALUMINUM FINISH: CLEAR ANODIZED	
				CARPET COLOR: 9322 SLATE	
BASE					
TERRAZZO	TB-1	DAVID ALLEN COMPANY	ET-1 021108		
RUBBER BASE	RB-1	JOHNSONITE		#020 - CHARCOAL	
WALL					
PAINT	PNT-1	GLIDDEN		O'KEEFE GREY - #20YY 57/060	
PAINT	PNT-2	GLIDDEN		MEDITERRANEAN BLUE #30 BB 08/180	
CERAMIC TILE	CT-1	DALTILE	8" X 8" WALL TILE	0135-ALMOND	SEMGLOSS
CERAMIC TILE	CT-2	DALTILE	8" X 8" WALL TILE	DM14-COBALT	SEMGLOSS
TEXTURED ACRYLIC COATING	TAC-1	DURAPLEX		TO MATCH MEDITERRANEAN BLUE #30 BB 08/180	
CEILING					
ACOUSTIC TILED CLNG	ACT-1	ARMSTRONG	ULTIMA	BEVELED REGULAR	
PAINT	PNT-1	GLIDDEN		O'KEEFE GREY - #20YY 57/060	
WOOD - STAIN	ST-1			STAIN TO MATCH AWD-1 DOOR COLOR	TONGUE & GROOVE CEILING
MILLWORK					
WOOD - STAIN	ST-1			STAIN TO MATCH AWD-1 DOOR COLOR	WAINSCOT, CABINETS, WOOD TRIM
SOLID SURFACE	SS-1	DUPONT	CORIAN	ELDERBERRY	COUNTERTOPS
	SS-2	DUPONT	CORIAN	RICE PAPER	WINDOW SILLS
ARCHITECTURAL WOOD DOOR					
WOOD - STAIN	AWD-1	DOORMERICA	QUARTERSAWN MAPLE	FLORIDA	
FABRIC COVERED ACOUSTICAL WALL PANELS		ARMSTRONG	SOUND50K 85	FABRIC MANUFACTURER: MAHARAM FABRIC STYLE & COLOR: TEK-WALL VIEW 399432: 004 GLACIER	MITERED EDGE

NOTE: NAMES INDICATED FOR COLORS, TEXTURES, AND PATTERNS OF MATERIALS ARE FOR THE PURPOSE OF SELECTION ONLY. OTHER MANUFACTURER'S MATERIALS MAY BE ACCEPTABLE PROVIDED MATERIALS CLOSELY APPROXIMATE COLORS, TEXTURES, AND PATTERNS INDICATED AND CONFORM TO ALL SPECIFICATION REQUIREMENTS.



MAUNE BELANGIA FAULKENBERRY ARCHITECTS, P.A.
1114 Mills Road, Suite 200, Jacksonville, FL 32206
Tel: 904.477.6171 Fax: 904.477.6172
www.mbfarchitects.com

FOR COMMENTS: NAVFAC

ACTIVITY

SUBMITTAL TO DATE

DES. DLG. DATE: 08/18/08

BRANCH: NAVFAC

CHIEF ENGINEER: NAVFAC

DESIGNER: NAVFAC

NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC

NAVAL STATION, NORFOLK, VA

JACKSONVILLE, NC

NAVFAC

NAVFAC

NAVFAC

NAVFAC

NAVFAC

NAVFAC

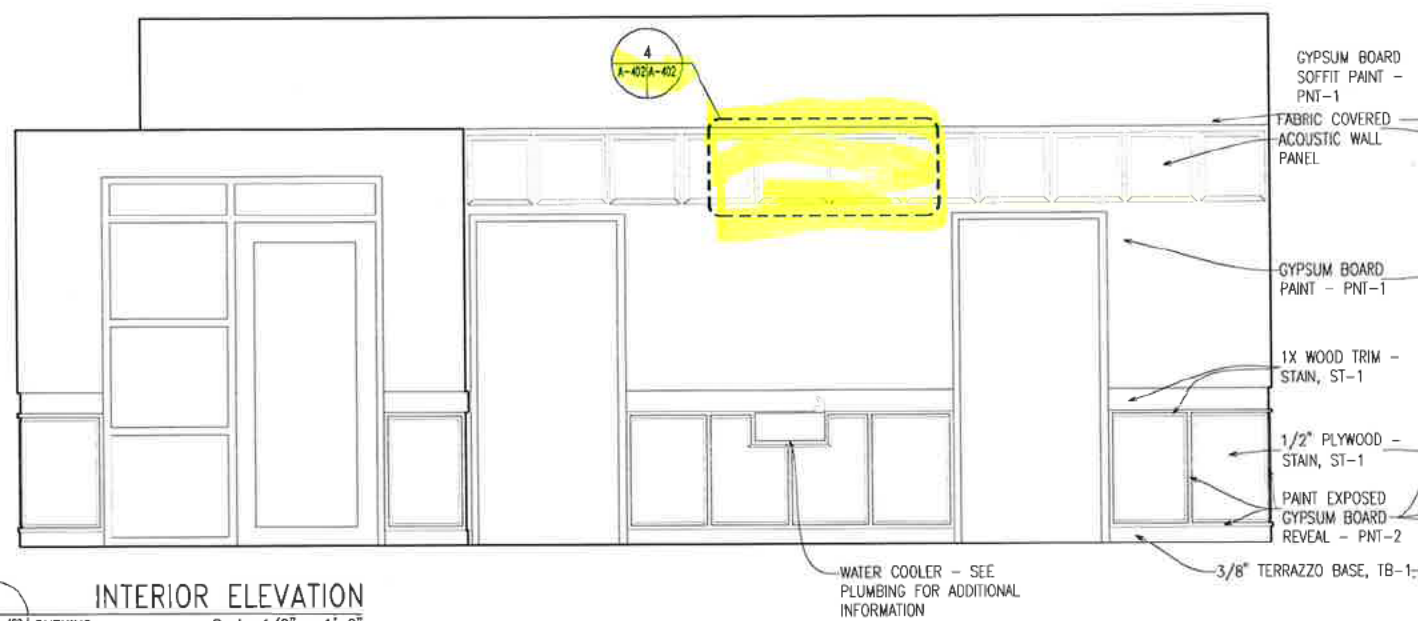
NAVFAC

6/14/2011
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percy

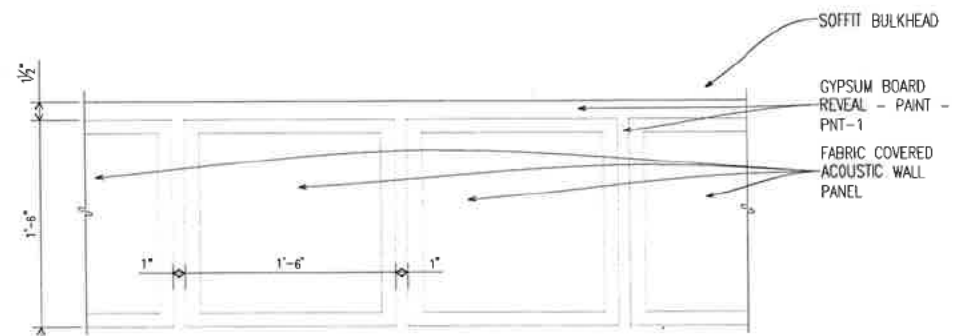
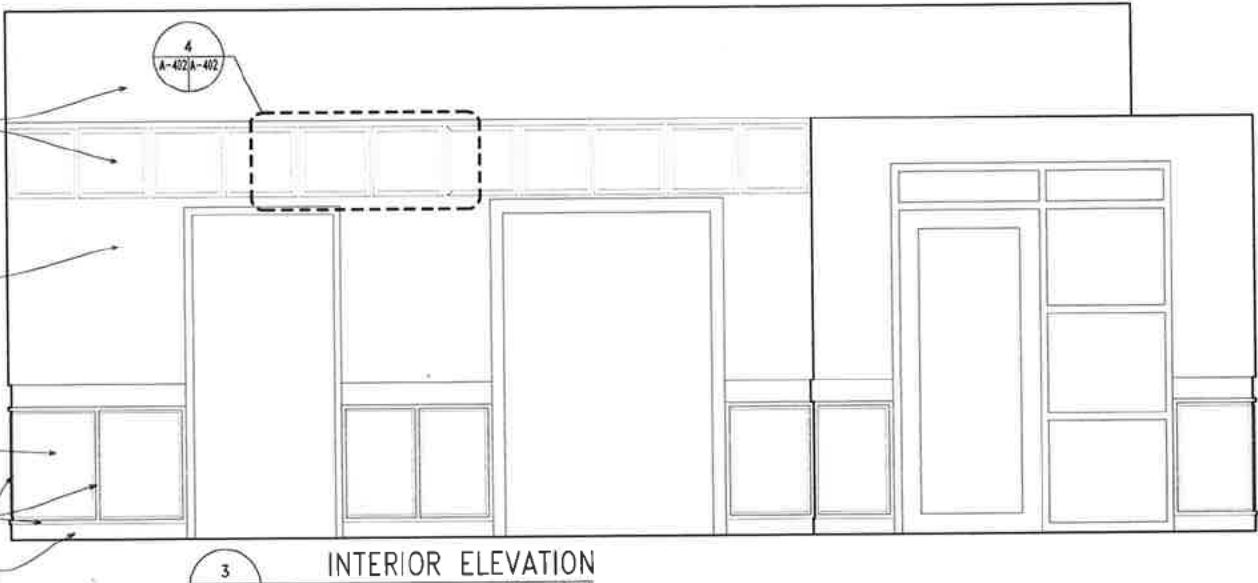
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A-102A-402 SEATING
Scale: 1/2" = 1'-0"



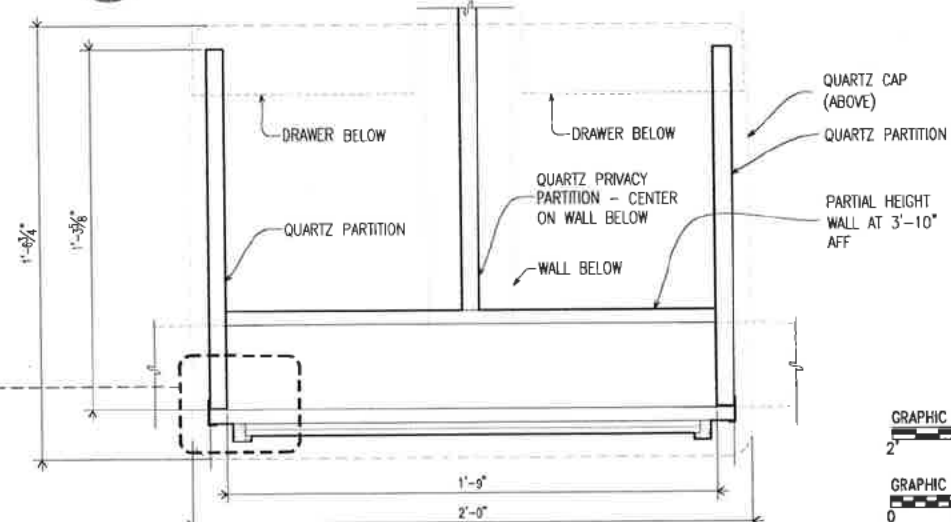
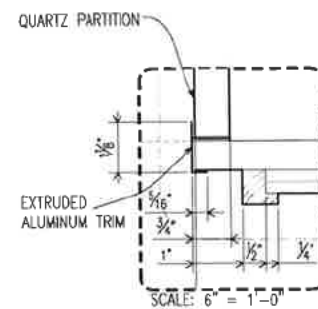
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A-102A-402 QUEUING
Scale: 1/2" = 1'-0"



3
A-102A-402 QUEUING
Scale: 1/2" = 1'-0"

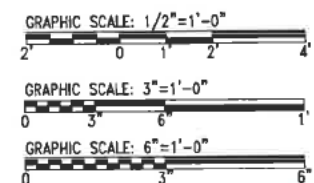


4
A-402A-402 FABRIC COVERED ACOUSTIC PANELS
Scale: 1-1/2" = 1'-0"



5
A-401A-402 SERVICE DESK
Scale: 3\"/>

DETAIL PLAN
Scale: 3\"/>



MAUNE
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ARCHITECTS, P.A.
311-14 Hubbs Street New York, NY 10006
Tel: 212-633-1375 Fax: 212-633-1301
www.mbfarchitects.com

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC
NAVAL STATION, NORFOLK, VA
NAVFAC
MARINE CORPS BASE, CAMP LEJEUNE
JACKSONVILLE, NC
FY12 MCON P1383 (BASE BID)
NEW BASE ENTRY POINT
INTERIOR ELEVATIONS

SCALE: AS NOTED
PROJECT NO: P1383
CONSTR CONTR NO:
NAVFAC DRAWING NO: 12593046
SHEET: 535 OF 1049
A-402

6/14/2011
S:\projects\2009\0901 - CI - Sub to MACTEC-R&K - New Base Entry Point & Road\deliverables\2011.05.13 Resubmital of Final\12593047.dwg
perry

LAST (4) PANELS EACH
SIDE SHALL BE CUSTOM
SIZED TO FIT

TONGUE AND GROOVE
WOOD CEILING

LAST (4) PANELS EACH
SIDE SHALL BE CUSTOM
SIZED TO FIT

INTERIOR ELEVATION

Scale: 1/2" = 1'-0"

INTERIOR ELEVATION

Scale: 1" = 1'-0"

ENLARGED ELEVATION

Scale: 1-1/2" = 1'-0"

ENLARGED ELEVATION

Scale: 1/2" = 1'-0"

CABINET SECTION

Scale: 1/2" = 1'-0"

GRAPHIC SCALE: 1-1/2" = 1'-0"

GRAPHIC SCALE: 1/2" = 1'-0"

MAUNE
BELANGIA
FAULKENBERRY
ARCHITECTS, P.A.
3114 E. JONES STREET NEW BERN, NC 28550
TEL 252.331.5375 FAX 252.331.3295
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NAVAL FACILITIES ENGINEERING COMMAND - MIDATLANTIC
NAVAL STATION NORFOLK, VA
JACKSONVILLE, NC
FY12 MCON P1383 (BASE BID)
NEW BASE ENTRY POINT
VISITORS' CENTER
INTERIOR ELEVATIONS, SECTIONS, AND DETAILS

SCALE AS NOTED
PROJECT NO P1383
CONSTR COVER NO
NAVFAC DRAWING NO 12593047
SHEET 536 OF 1049
A-403

From: (b)(6)
To: (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#); (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#); (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#)
Cc: (b)(6) [\(PM, Group III Management\)](#)
Subject: [Non-DoD Source] FW: INDOOR/OUTDOOR CAT-6 CABLE
Date: Thursday, June 02, 2016 10:25:27
Attachments: [in_out c6 cable.pdf](#)

Good morning. Below is Base Telephone's approval of an outdoor-rated CAT-6 cable we intend on using at the CLEO building. My QC Manager will submit this product data sheet today but with (b)(6) prior approval of the material I am authorizing my sub to install it tomorrow (3Jun). Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)

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-----Original Message-----

From: (b)(6) M [[mailto:\(b\)\(6\)](#)]
Sent: Thursday, June 02, 2016 10:02 AM
To: (b)(6)
Cc: (b)(6)
(b)(6)
Subject: RE: INDOOR/OUTDOOR CAT-6 CABLE

(b)(6)

The attached product data sheet is acceptable to Base Telephone for the conduit running through the slab at the CLEO building, but only the ROICC can approve.

I can only advise and recommend but have no approval authority, please contact the CM or ET for proper submittal procedures on the attached ...

(b)(6)

Lead Investigator / Inspector / IT Project Manager

Base Telephone Building 25

(b)(6)

-----Original Message-----

From: (b)(6) [mailto:(b)(6)] <mailto:(b)(6)>]

Sent: Thursday, June 02, 2016 9:47 AM

To: (b)(6)

Cc: (b)(6) <mailto:(b)(6)> : (b)(6) (PM, Group III Management)

Subject: [Non-DoD Source] INDOOR/OUTDOOR CAT-6 CABLE

Good afternoon (b)(6) Would you please review that attached product data sheet and advise if this is acceptable for the conduit running through the slab at the CLEO building? Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w/ (b)(6) | c/ (b)(6) | Email: (b)(6) <mailto:(b)(6)>

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Comtran Cable LLC
330A Turner Street
South Attleboro, MA 02703-7714
(P) 508-399-7004
(F) 508-399-7360
www.ComtranCorp.com

Design Specification 35952 Category 6 Indoor/Outdoor LSZH CM-LS

Construction:

- * Conductors: 23 AWG Solid Bare Copper per ASTM B-3
- * Insulation: Polyethylene
- * Pair Assembly: Color Coded Conductors Twisted to Varying Lays
- * Cable Assembly: 4 Pairs Cabled With a LSZH X-Web
- * Flooding Compound
- * Jacket: Black LSZH
Nominal OD = .290"

Features:

- * Prevents Against Moisture Migration
- * Superior 4 pair Balance for Increased Margins
- * Exceeds the Limited 50 ft. Entrance of Standard OSP Cables
- * Excellent Cross Talk characteristics

Compliance:

- * ETL Verified ANSI/TIA-568-C.2 Cat 6
- * UL Subject 444 Communications Cables
- * UL Listed type CM-LS
- * Sunlight Resistant Per UL 2556
- * NEC Article 800
- * ICEA S-90-661
- * California State Fire Marshal
- * RoHS Compliant
- * Voltage Rating 300

Common Applications:

- * Gigabit Ethernet (1000Base-T)
- * Multimedia & ISDN
- * High Speed Voice/Data applications
- * 1.2 Gbps Ethernet
- * Broadband Video

Category 6 Electricals

(Per ANSI/TIA 568-C.2)

Char. Impedance		Return Loss	Attenuation	NEXT	PSNEXT	ACRF	PSACRF
Freq.	(Ohms)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
(MHz.)	(+/-15)	(Min)	(Max)	(Min)	(Min)	(Min)	(Min)
1	100	20	2	74.3	72.3	67.8	64.8
4	100	23	3.8	65.3	63.3	55.8	52.8
8	100	24.5	5.3	60.8	58.8	49.7	46.7
10	100	25	6	59.3	57.3	47.8	44.8
16	100	25	7.6	56.2	54.2	43.7	40.7
20	100	25	8.5	54.8	52.8	41.8	38.8
25	100	24.3	9.5	53.3	51.3	39.8	36.8
31.25	100	23.6	10.7	51.9	49.9	37.9	34.9
62.5	100	21.5	15.4	47.4	45.4	31.9	28.9
100	100	20.1	19.8	44.3	42.3	27.8	24.8
125	100	19.4	22.4	42.9	40.9	25.8	22.8
155	100	18.8	25.2	41.4	39.4	23.9	20.9
175	100	18.4	26.9	40.7	38.7	22.9	19.9
200	100	18	29	39.8	37.8	21.8	18.8
250	100	17.3	32.8	38.3	36.3	19.8	16.8

Print: COMTRAN CABLE LLC COM-LINK INDOOR/OUTDOOR CAT 6 250 MHZ 23 AWG CM-LS C(UL)US SUNLIGHT RESISTANT ETL VERIFIED TO ANSI/TIA-568-C.2 CATEGORY 6 ROHS (01-12345) 000002

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	35952
35952	01	8/6/14	BAL	JB	Initial Release	Page 1 of 1

Design Specification 35952 Category 6 Indoor/Outdoor LSZH CM-LS

Construction:

- * Conductors: 23 AWG Solid Bare Copper per ASTM B-3
- * Insulation: Polyethylene
- * Pair Assembly: Color Coded Conductors Twisted to Varying Lays
- * Cable Assembly: 4 Pairs Cabled With a LSZH X-Web
- * Flooding Compound
- * Jacket: Black LSZH
Nominal OD = .290"

Features:

- * Prevents Against Moisture Migration
- * Superior 4 pair Balance for Increased Margins
- * Exceeds the Limited 50 ft. Entrance of Standard OSP Cables
- * Excellent Cross Talk characteristics

Compliance:

- * ETL Verified ANSI/TIA-568-C.2 Cat 6
- * UL Subject 444 Communications Cables
- * UL Listed type CM-LS
- * Sunlight Resistant Per UL 2556
- * NEC Article 800
- * ICEA S-90-661
- * California State Fire Marshal
- * RoHS Compliant
- * Voltage Rating 300

Common Applications:

- * Gigabit Ethernet (1000Base-T)
- * Multimedia & ISDN
- * High Speed Voice/Data applications
- * 1.2 Gbps Ethernet
- * Broadband Video

Category 6 Electricals

(Per ANSI/TIA 568-C.2)

Char. Impedance		Return Loss	Attenuation	NEXT	PSNEXT	ACRF	PSACRF
Freq.	(Ohms)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
(MHz.)	(+/-15)	(Min)	(Max)	(Min)	(Min)	(Min)	(Min)
1	100	20	2	74.3	72.3	67.8	64.8
4	100	23	3.8	65.3	63.3	55.8	52.8
8	100	24.5	5.3	60.8	58.8	49.7	46.7
10	100	25	6	59.3	57.3	47.8	44.8
16	100	25	7.6	56.2	54.2	43.7	40.7
20	100	25	8.5	54.8	52.8	41.8	38.8
25	100	24.3	9.5	53.3	51.3	39.8	36.8
31.25	100	23.6	10.7	51.9	49.9	37.9	34.9
62.5	100	21.5	15.4	47.4	45.4	31.9	28.9
100	100	20.1	19.8	44.3	42.3	27.8	24.8
125	100	19.4	22.4	42.9	40.9	25.8	22.8
155	100	18.8	25.2	41.4	39.4	23.9	20.9
175	100	18.4	26.9	40.7	38.7	22.9	19.9
200	100	18	29	39.8	37.8	21.8	18.8
250	100	17.3	32.8	38.3	36.3	19.8	16.8

Print: COMTRAN CABLE LLC COM-LINK INDOOR/OUTDOOR CAT 6 250 MHZ 23 AWG CM-LS C(UL)US SUNLIGHT RESISTANT ETL VERIFIED TO ANSI/TIA-568-C.2 CATEGORY 6 ROHS (01-12345) 000002

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	35952
35952	01	8/6/14	BAL	JB	Initial Release	Page 1 of 1

From: (b)(6) .NAVFAC MIDLANT, ROICC Camp Lejeune
To: (b)(6) .NAVFAC MIDLANT, IPTMC
Cc: (b)(6) .NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) .NAVFAC MIDLANT, IPTMC;
(b)(6) .NAVFAC MIDLANT, CI (b)(6) .NAVFAC MIDLANT, IPTMC
Subject: RE: P-1383 [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT
Date: Thursday, May 26, 2016 7:00:00

Hi all, sorry, just getting caught up on all my emails. How sad is that!

It was my understanding that Dragados would put in the equipment as designed, and we would see how the results came in after that. Is that still where we are with this? Their ultimate CCD is still in September, so we have a bit of time (not a ton though!).

They are trying to get out of there as fast as possible, so yes, we'll have to keep an eye on them!

R/

(b)(6)

(b)(6)
Contract Specialist
ROICC Camp Lejeune

(b)(6)
DSN (b)(6)
(b)(6) fax
(b)(6)

-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, IPTMC
Sent: Thursday, May 19, 2016 9:55 AM
To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune
Cc: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC
MIDLANT, IPTMC; (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC
MIDLANT, IPTMC
Subject: FW: P-1383 [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT

(b)(6)

I am not sure how urgent this item is. Based on my conversations with (b)(6), he stills feels the DOR is correct and the contractor is misrepresenting the information. I have asked my mechanical engineer to weigh in, but he out of the office and may not be able to respond until next week. If he agrees with the DOR and (b)(6), we will be back were we were months ago, and directing the contractor to install as per the plans.

(b)(6)

(b)(6), P.E.
Civil Engineer
NAVFAC MIDLANT
Marine Corps IPT
*Building Z-140, Room 104
*9324 Virginia Avenue
*Norfolk, VA 23511-3095
Phone: (b)(6)
Fax: (b)(6)
Email: (b)(6)

-----Original Message-----

From: (b)(6) [mailto:(b)(6)]

Sent: Tuesday, May 17, 2016 12:14 PM

To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune;

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

Cc: (b)(6) (Group III Mgt.); (b)(6) (Group III Mgt Superintendent); (b)(6)

(b)(6) NAVFAC MIDLANT, IPTMC

Subject: [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT

(b)(6) -

Please see the attached TAB response from GIII.

Thank you -

(b)(6) - Vice President

Group III Mgt., Inc.

Cell (b)(6)

Office: (b)(6)

Fax: (b)(6)

-----Original Message-----

From (b)(6) NAVFAC MIDLANT, CI

Sent: Monday, May 16, 2016 4:55 PM

To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune ; (b)(6) ; (b)(6) ; (b)(6) ,

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune ; (b)(6) NAVFAC MIDLANT,

ROICC Camp Lejeune ; (b)(6) NAVFAC MIDLANT, ROICC

Camp Lejeune ; (b)(6)

Cc: (b)(6) (Group III Mgt.) ; (b)(6) (PM, Group III

Management) ; (b)(6) (Group III Mgt Superintendent) ; (b)(6)

(b)(6) NAVFAC MIDLANT, IPTMC

Subject: RE: PRELIMINARY CLEO TAB REPORT

All,

For continued surveillance of mechanical design issues, please keep the assigned NAVFAC ML Mechanical Engineer copied on all mechanical design-related correspondence by including (b)(6), copied on this email (b)(6).

Respectfully,

(b)(6)

(b)(6), EIT, PMP

Mechanical Acceptance Engineer

(b)(6) / DSN: (b)(6) CELL (b)(6) / FAX (b)(6) (b)(6)

-----Original Message-----

From (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune

Sent: Monday, May 16, 2016 1:38 PM

To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune;

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

(b)(6)

(b)(6)

Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: RE: PRELIMINARY CLEO TAB REPORT

Hi all -

Sorry to jump in as I am a non-technical person. I just spoke with (b)(6).

Dragados will put in the equipment per the original design. However, this is design-bid-build. From a contracting perspective, should the equipment, if all is installed per the plans, still does not meet the required airflows, this is not the Contractor's responsibility any longer, but a design issue.

When the Contractor is not responsible for the design, we cannot hold him responsible for airflows if everything is installed per the A/E design. I believe (b)(6) and I are in agreement that if the CLEO is built per the plans, we will not hold up BOD for design issues. If there are any design changes, they need to be made ASAP if Dragados is intended to perform them.

Otherwise, another contract will have to follow to correct after BOD.

R/

(b)(6)

(b)(6)
Contract Specialist
ROICC Camp Lejeune

(b)(6)

DSN (b)(6)

(b)(6) fax

(b)(6)

-----Original Message-----

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 12:39 PM

To: (b)(6) NAVFAC MIDLANT, CI (b)(6) NAVFAC MIDLANT,

ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

CIV NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group

III Mgt Superintendent); (b)(6)

Subject: [Non-DoD Source] RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

When you first told me about this I told you I needed to see the TAB report to see if we were in tolerance and we're not. An RFI was asked about this a while back and we stated in that RFI that HP-1 was HP-1 and HP-2 was HP-2. The airflows on the schedule match the total airflow of all the diffusers for each unit. As I told you the cooling capacity for HP-2 is higher because HP-2 has more outside air than HP-1. If you look at the sensible load on the schedule you will see that HP-1 has a higher sensible load than HP-2.

Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 12:30 PM

To (b)(6)

(NAVFAC) (b)(6)

(b)(6)

(NAVFAC Contract Spec)

(b)(6)

(b)(6)

Cc (b)(6)

(Group III Mgt.) (b)(6)

(b)(6) (PM, Group III Management) (b)(6)

(Group III Mgt

Superintendent) (b)(6)

(b)(6)

Subject: RE: PRELIMINARY CLEO TAB REPORT

(b) you've known for weeks that HP1 and HP2 are reversed. I told you this myself. They were reversed by my subcontractor based off of the numbers for the total cooling capacity for HPs 1&2 shown on WM602. If your position is that you want to see HP1 & HP2 installed per the plan then our request to NAVFAC is that you produce data from your calculations that this configuration will achieve what you want given HP sizes of 3.5 and 4.9. I am on my way over to NAVFAC now to discuss this. Thanks. R/ (b)

(b)(6) | Deputy Project Manager & Small Business Liaison |
cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) d (b)(6) | Email: (b)(6)
<mailto:(b)(6)>

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From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 11:50 AM

To: (b)(6) (NAVFAC); (b)(6)
(b)(6) (NAVFAC Contract Spec); (b)(6)
(b)(6)
(b)(6)
Cc: (b)(6) Group III (b)(6) (PM, Group III Management); (b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

The only issues we see is HP-1 was installed as HP-2 and vice versa. This is causing the units to not meet the design airflows. Recommend installing the heat pumps as shown on the contract drawings. Also for the next TAB report please provide each heat pump airflows on high and low speed.

Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 11:28 AM

To: (b)(6)

(NAVFAC) (b)(6)

(b)(6)

(NAVFAC Contract Spec)

(b)(6)

(b)(6)

(b)(6)

Cc: (b)(6)

(Group III Mgt.) (b)(6)

(b)(6) (PM, Group III Management) (b)(6)

(Group III Mgt

Superintendent) (b)(6)

Subject: RE: PRELIMINARY CLEO TAB REPORT

Re-sending this email (b)(6) is out on leave and won't return until 6Jun. I request to find out from (b)(6) (b)(6) (CEMS) and (b)(6) (NAVFAC Norfolk) your thoughts on the initial TAB performance results (HP-1 is at 85% of design). We will be performing TAB again once we replace dampers in the CLEO. Thanks.

(b) I do not think that the TAB results will change too much after we install the new dampers. I am confused by

the specs: are heat pumps held to +/- 5% tolerance? The specs states this is the case for groups 2 & 3. Heat pumps are in ground 1.

If the heat pumps, as installed, aren't accepted at 85% of design we will request CEMS runs their model again using the data shown on WM602 (attached) before we take additional steps. We think the 2 high-lighted numbers may be inadvertently reversed. Thanks. R/ (b) [REDACTED]

SPEC 23 05 93, page 1: Out-of-tolerance data: Pertains only to field acceptance testing of Final TAB report. When applied to TAB work this phase means "a measurement taken during TAB field acceptance testing which does not fall within the range of plus 5 to minus 5 percent of the original measurement reported on the TAB Report for a specific parameter."

3.3.9.1 TAB Field Acceptance Testing

During the field acceptance testing, verify, in the presence of the COTR, random selections of data (water, air quantities, air motion,) recorded in the TAB Report. Points and areas for field acceptance testing are to be selected by the COTR. Measurement and test procedures are the same as approved for TAB work for the TAB Report.

Field acceptance testing includes verification of TAB Report data recorded for the following equipment groups:

Group 1: All heat pumps and pumps.

Group 2: 25 percent of the return grilles, return registers, exhaust grilles and exhaust registers.

Group 3: 25 percent of the exhaust fans.

Further, if any data on the TAB Report for Groups 2 through 3 is found not to fall within the range of plus 5 to minus 5 percent of the TAB Report data, additional group data verification is required in the presence of the COTR. Verify TAB Report data for one additional piece of equipment in that group. Continue this additional group data verification until out-of-tolerance data ceases to be found.

Good afternoon (b)(6) Attached is an executive summary of the CLEO TAB.
All items are within 5% of design max CFM except for HP-1. It is at 85%, or 15% shy. The design CFM for HP1 is 1100 (min) to 1450 (max). The actual reading during tab was 1231.

We will be performing TAB again once we replace dampers in the CLEO. We welcome your response to this preliminary TAB. Thanks. R (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison |
cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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From: (b)(6) [mailto:(b)(6)]
Sent: Tuesday, May 03, 2016 9:48 AM
To: (b)(6) (NAVFAC); (b)(6)
(b)(6)
Cc: (b)(6) Group III Mgt.); (b)(6) (PM, Group III Management)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

Please provide an executive summary at the front of the report showing all items not within specification.

Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 2, 2016 5:28 PM

To: (b)(6)

(NAVFAC) (b)(6)

(b)(6)

Cc: (b)(6) (Group III Mgt.)

(b)(6) (PM, Group III Management)

(b)(6)

Subject: PRELIMINARY CLEO TAB REPORT

Importance: High

Good afternoon (b)(6) Attached is the preliminary TAB report for the CLEO building. Request your early review and comments. My team is available for a phone call if you think discussing your thoughts would help. Thanks. R/

(b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)

<mailto:(b)(6)>

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-----Original Message-----

From: (b)(6) [mailto:(b)(6)]

Sent: Wednesday, April 20, 2016 1:58 PM

To: (b)(6)

Subject: Fw: 224887 Field TAB Report CLEO

(b)(6) -

Attached is the TAB field report. Please forward this to (b)(6) for his review and comments. We are sending this to our commissioning agent for his review and comments also (he is copied on this email).

Please let us know what (b)(6) comments are as soon as possible so we can schedule the commissioning work.

-----Original Message-----

From: (b)(6)

Sent: Wednesday, April 20, 2016 11:09 AM

To: (b)(6)

Subject: FW: 224887 Field TAB Report

(b)(6)

Raleigh Division Manager / NEBB Professional

From: (b)(6) [NAVFAC MIDLANT, IPTMC](#)
To: (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#)
Cc: (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#); (b)(6) [NAVFAC MIDLANT, IPTMC](#);
(b)(6) [NAVFAC MIDLANT, CI](#); (b)(6) [NAVFAC MIDLANT, IPTMC](#)
Subject: RE: P-1383 [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT
Date: Thursday, May 26, 2016 12:55:18

(b)(6)

I checked with (b)(6) and (b)(6) and they agree that we are waiting on Dragados to install and test the equipment.

(b)(6)

(b)(6), P.E.
Civil Engineer
NAVFAC MIDLANT
Marine Corps IPT
*Building Z-140, Room 104
*9324 Virginia Avenue
*Norfolk, VA 23511-3095
Phone: (b)(6)
Fax: (b)(6)
Email: (b)(6)

-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune
Sent: Thursday, May 26, 2016 7:00 AM
To: (b)(6) NAVFAC MIDLANT, IPTMC
Cc: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, IPTMC; (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, IPTMC
Subject: RE: P-1383 [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT

Hi all, sorry, just getting caught up on all my emails. How sad is that!

It was my understanding that Dragados would put in the equipment as designed, and we would see how the results came in after that. Is that still where we are with this? Their ultimate CCD is still in September, so we have a bit of time (not a ton though!).

They are trying to get out of there as fast as possible, so yes, we'll have to keep an eye on them!

R/

(b)(6)

(b)(6)
Contract Specialist
ROICC Camp Lejeune
(b)(6)
DSN (b)(6)
(b)(6)
(b)(6)

-----Original Message-----

Management) (b)(6) (Group III Mgt Superintendent) (b)(6)
(b)(6) NAVFAC MIDLANT, IPTMC
Subject: RE: PRELIMINARY CLEO TAB REPORT

All,

For continued surveillance of mechanical design issues, please keep the assigned NAVFAC ML Mechanical Engineer copied on all mechanical design-related correspondence by including Steve Medvick, copied on this email (b)(6)

Respectfully,

(b)(6)

(b)(6), EIT, PMP
Mechanical Acceptance Engineer

(b)(6) / DSN: (b)(6) / CELL (b)(6) / FAX: (b)(6)

-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune

Sent: Monday, May 16, 2016 1:38 PM

To: (b)(6) NAVFAC MIDLANT, CI (b)(6) NAVFAC
MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune;
(b)(6)

(b)(6)
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group
III Mgt Superintendent); (b)(6)
Subject: RE: PRELIMINARY CLEO TAB REPORT

Hi all -

Sorry to jump in as I am a non-technical person. I just spoke with (b)(6)
Dragados will put in the equipment per the original design. However, this is design-bid-build. From a contracting perspective, should the equipment, if all is installed per the plans, still does not meet the required airflows, this is not the Contractor's responsibility any longer, but a design issue.
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Otherwise, another contract will have to follow to correct after BOD.

R/

(b)(6)

(b)(6)
Contract Specialist
ROICC Camp Lejeune

(b)(6)
DSN (b)(6)
(b)(6) fax
(b)(6)

-----Original Message-----

Sent: Monday, May 16, 2016 12:39 PM

To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT,
ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
(b) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group
III Mgt Superintendent); (b)(6)
Subject: [Non-DoD Source] RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

When you first told me about this I told you I needed to see the TAB report to see if we were in tolerance and we're not. An RFI was asked about this a while back and we stated in that RFI that HP-1 was HP-1 and HP-2 was HP-2. The airflows on the schedule match the total airflow of all the diffusers for each unit. As I told you the cooling capacity for HP-2 is higher because HP-2 has more outside air than HP-1. If you look at the sensible load on the schedule you will see that HP-1 has a higher sensible load than HP-2.

Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 12:30 PM

To: (b)(6)
(NAVFAC) (b)(6)
(b)(6) (NAVFAC Contract Spec)
(b)(6)
(b)(6)
Cc: (b)(6) (Group III Mgt.) (b)(6)
(b)(6) (PM, Group III Management) (b)(6) (Group III Mgt
Superintendent) (b)(6)
(b)(6)

Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6) you've known for weeks that HP1 and HP2 are reversed. I told you this myself. They were reversed by my subcontractor based off of the numbers for the total cooling capacity for HPs 1&2 shown on WM602. If your position is that you want to see HP1 & HP2 installed per the plan then our request to NAVFAC is that you produce

data from your calculations that this configuration will achieve what you want given HP sizes of 3.5 and 4.9. I am on my way over to NAVFAC now to discuss this. Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison |
cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(mailto:\(b\)\(6\)\)](mailto:(b)(6))>

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From: (b)(6) [[\(mailto:\(b\)\(6\)\)](mailto:(b)(6))]
Sent: Monday, May 16, 2016 11:50 AM
To: (b)(6) (NAVFAC); (b)(6)
(b)(6) (NAVFAC Contract Spec); (b)(6)
(b)(6)
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

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Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 11:28 AM

To: (b)(6)

(NAVFAC) (b)(6)

(b)(6)

(NAVFAC Contract Spec)

(b)(6)

(b)(6)

Cc: (b)(6)

(Group III Mgt.) (b)(6)

(b)(6) (PM, Group III Management) (b)(6)

(Group III Mgt

Superintendent) (b)(6)

Subject: RE: PRELIMINARY CLEO TAB REPORT

Re-sending this email. (b)(6) is out on leave and won't return until 6Jun. I request to find out from (b)(6) (b)(6) (CEMS) and (b)(6) (NAVFAC Norfolk) your thoughts on the initial TAB performance results (HP-1 is at 85% of design). We will be performing TAB again once we replace dampers in the CLEO. Thanks.

(b)(6), I do not think that the TAB results will change too much after we install the new dampers. I am confused by the specs: are heat pumps held to +/- 5% tolerance? The specs state this is the case for groups 2 & 3. Heat pumps are in ground 1.

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SPEC 23 05 93, page 1: Out-of-tolerance data: Pertains only to field acceptance testing of Final TAB report. When applied to TAB work this phase means "a measurement taken during TAB field acceptance testing which does not fall within the range of plus 5 to minus 5 percent of the original measurement reported on the TAB Report for a specific parameter."

3.3.9.1 TAB Field Acceptance Testing

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Field acceptance testing includes verification of TAB Report data recorded for the following equipment groups:

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Group 2: 25 percent of the return grilles, return registers, exhaust grilles and exhaust registers.

Group 3: 25 percent of the exhaust fans.

Further, if any data on the TAB Report for Groups 2 through 3 is found not to fall within the range of plus 5 to minus 5 percent of the TAB Report data, additional group data verification is required in the presence of the COTR. Verify TAB Report data for one additional piece of equipment in that group. Continue this additional group data verification until out-of-tolerance data ceases to be found.

Good afternoon (b)(6). Attached is an executive summary of the CLEO TAB. All items are within 5% of design max CFM except for HP-1. It is at 85%, or 15% shy. The design CFM for HP1 is 1100 (min) to 1450 (max). The actual reading during tab was 1231.

We will be performing TAB again once we replace dampers in the CLEO. We welcome your response to this preliminary TAB. Thanks. R (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison |
cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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system and any copies you may have made, electronic or otherwise.

From: (b)(6) [mailto:(b)(6)]
Sent: Tuesday, May 03, 2016 9:48 AM
To: (b)(6) (NAVFAC); (b)(6)
(b)(6)
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

Please provide an executive summary at the front of the report showing all items not within specification.

Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]
Sent: Monday, May 2, 2016 5:28 PM
To: (b)(6)
(NAVFAC) (b)(6)
(b)(6)
(b)(6)
Cc: (b)(6) (Group III Mgt.)
(b)(6) (PM, Group III Management)
(b)(6)
Subject: PRELIMINARY CLEO TAB REPORT
Importance: High

Good afternoon (b)(6). Attached is the preliminary TAB report for the CLEO building. Request your early review and comments. My team is available for a phone call if you think discussing your thoughts would help. Thanks. R/

(b)(6)

(b)(6) Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[mailto:\(b\)\(6\)](#)>

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-----Original Message-----

From: (b)(6) [[mailto:\(b\)\(6\)](#)]]
Sent: Wednesday, April 20, 2016 1:58 PM
To: (b)(6)
Subject: Fw: 224887 Field TAB Report CLEO

(b)(6)

Attached is the TAB field report. Please forward this to (b)(6) for his review and comments. We are sending this to our commissioning agent for his review and comments also (he is copied on this email).

Please let us know what (b)(6) comments are as soon as possible so we can schedule the commissioning work.

-----Original Message-----

From (b)(6)
Sent: Wednesday, April 20, 2016 11:09 AM
To: (b)(6)
Subject: FW: 224887 Field TAB Report

(b)(6)

Raleigh Division Manager / NEBB Professional

From: (b)(6) NAVFAC MIDLANT, IPTMC
To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune
Cc: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, IPTMC;
(b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, IPTMC
Subject: RE: P-1383 [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT
Date: Saturday, May 21, 2016 17:48:30

(b)(6)

As promised, I asked our mechanical engineer to provide some input (b)(6) comments are below, but he seems to agree with (b)(6) in that the contractor's analysis is incomplete.

(b)(6)

From: (b)(6) NAVFAC MIDLANT, IPTMC
Sent: Thursday, May 19, 2016 1:13 PM
To: (b)(6) NAVFAC MIDLANT, IPTMC
Cc: (b)(6) NAVFAC MIDLANT, IPTMC; (b)(6) NAVFAC MIDLANT, CI
Subject: RE: PRELIMINARY CLEO TAB REPORT (P-1383)

After review of the information provided, the following is offered by MCIPT:

1. We disagree that the product data (Attachment B) sets forth a pump that meets the design requirements for pump HP-1. Dispute is as follows:

-Attachment B, page 1, product data sheet indicates that selected pump (39.9 MBH) meets/exceeds design cooling load requirement (37.0 MBH). However, it does not meet the design heating load requirement (29.2 MBH in product data, 33.7 in design).

-Page 2, required design water flow of 12 GPM. Attachment B, page 2, does not set forth 12 gpm as an operating parameter.

-Design entering air temperatures are 78 F DB/65 F WB for HP-1, 77 F DB/60.8 F WB for HP-2. Product data sheet states that cooling capacities are based on 80 DB/66.2 DB and heating capacities are based on 68 DB/59 WB. Clarification needed on how these correlate.

-As stated by CI52, design requires a max cfm of 1450 for HP-1. Product data sets forth 1250 cfm. TAB report indicates HP-1 only attained 1231 cfm.

2. Group III cover letter states that attachment B also meets design requirements for HP-2. The following disputes this claim:

-Page 1, design cooling load requirement (40.1 MBH) is met (40.3 MBH), but heating load requirement (37.8 MBH) is not (30.1 MBH).

-Page 2, required design water flow is 9 GPM. For the selected pump to meet design requirements, entering water temperature would have to be 80 deg F or lower.

Conclusion is that neither pump meets the design requirements.

(b)(6), PE, CEM, GPCP, GGP
Supervisory Mechanical Engineer
NAVFAC MIDLANT MCIPT
Ph (b)(6)

(b)(6), P.E.
Civil Engineer
NAVFAC MIDLANT
Marine Corps IPT
*Building Z-140, Room 104
*9324 Virginia Avenue
*Norfolk, VA 23511-3095
Phone: (b)(6)
Fax: (b)(6)
Email: (b)(6)

From: (b)(6) NAVFAC MIDLANT, IPTMC
Sent: Thursday, May 19, 2016 9:55 AM
To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune
Cc: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC
MIDLANT, IPTMC; (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC
MIDLANT, IPTMC
Subject: FW: P-1383 [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT

I am not sure how urgent this item is. Based on my conversations with (b) he stills feels the DOR is correct and the contractor is misrepresenting the information. I have asked my mechanical engineer to weigh in, but he out of the office and may not be able to respond until next week. If he agrees with the DOR and (b), we will be back were we were months ago, and directing the contractor to install as per the plans.

(b)(6), P.E.
Civil Engineer
NAVFAC MIDLANT
Marine Corps IPT
*Building Z-140, Room 104
*9324 Virginia Avenue
*Norfolk, VA 23511-3095
Phone: (b)(6)
Fax: (b)(6)
Email: (b)(6)

From: (b)(6) [mailto:(b)(6)]
Sent: Tuesday, May 17, 2016 12:14 PM
To: (b)(6) NAVFAC MIDLANT, CIB; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
Cc: (b)(6) (Group III Mgt.); (b)(6) (Group III Mgt Superintendent); (b)(6)
(b)(6) NAVFAC MIDLANT, IPTMC
Subject: [Non-DoD Source] Re: PRELIMINARY CLEO TAB REPORT

(b)(6)

Please see the attached TAB response from GIII.

(b)(6) -
(b)(6) - Vice President

Group III Mgt., Inc.

Cell: (b)(6)

Office: (b)(6)

Fax: (b)(6)

-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, CI

Sent: Monday, May 16, 2016 4:55 PM

To: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune ; (b)(6) ; (b)(6),
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune ; (b)(6) NAVFAC MIDLANT,
ROICC Camp Lejeune ; (b)(6) MIDLANT, ROICC
Camp Lejeune ; (b)(6)

Cc: (b)(6) (Group III Mgt.) (b)(6) (PM, Group III
Management) ; (b)(6) (Group III Mgt Superintendent) ; (b)(6)

(b)(6) NAVFAC MIDLANT, IPTMC

Subject: RE: PRELIMINARY CLEO TAB REPORT

All,

For continued surveillance of mechanical design issues, please keep the assigned NAVFAC ML Mechanical Engineer copied on all mechanical design-related correspondence by including (b)(6), copied on this email (b)(6)

Respectfully,

(b)
(6)

, EIT, PMP

Mechanical Acceptance Engineer

(b)(6) / DSN: (b)(6) / CELL: (b)(6) / FAX (b)(6)

-----Original Message-----

From: (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune

Sent: Monday, May 16, 2016 1:38 PM

To: (b)(6) NAVFAC MIDLANT, CI; (b)(6)
MIDLANT, ROICC Camp (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune;
(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

(b)(6)

(b)(6)

Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group
III Mgt Superintendent); (b)(6)

Subject: RE: PRELIMINARY CLEO TAB REPORT

Hi all -

Sorry to jump in as I am a non-technical person. I just spoke with (b)(6)

Dragados will put in the equipment per the original design. However, this is design-bid-build. From a contracting perspective, should the equipment, if all is installed per the plans, still does not meet the required airflows, this is not the Contractor's responsibility any longer, but a design issue.

When the Contractor is not responsible for the design, we cannot hold him responsible for airflows if everything is installed per the A/E design. I believe (b)(6) and I are in agreement that if the CLEO is built per the plans, we will not hold up BOD for design issues. If there are any design changes, they need to be made ASAP if Dragados is intended to perform them.

Otherwise, another contract will have to follow to correct after BOD.

R/

(b)(6)

(b)(6)

Contract Specialist
ROICC Camp Lejeune

(b)(6)

DSN (b)(6)

(b)(6) fax

(b)(6)

-----Original Message-----

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 12:39 PM

To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT,
ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

(b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)

Cc: (b)(6) (Group III Mgt.); (b)(6) PM, Group III Management; (b)(6) (Group
III Mgt Superintendent); (b)(6)

Subject: [Non-DoD Source] RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

When you first told me about this I told you I needed to see the TAB report to see if we were in tolerance and we're not. An RFI was asked about this a while back and we stated in that RFI that HP-1 was HP-1 and HP-2 was HP-2. The airflows on the schedule match the total airflow of all the diffusers for each unit. As I told you the cooling capacity for HP-2 is higher because HP-2 has more outside air than HP-1. If you look at the sensible load on the schedule you will see that HP-1 has a higher sensible load than HP-2.

Sincerely,

(b)(6), P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

(b)(6)

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 12:30 PM

To: (b)(6) (b)(6)
(NAVFAC) (b)(6) (NAVFAC Contract Spec)
(b)(6)
(b)(6)
(b)(6)
Cc: (b)(6) (Group III Mgt.) (b)(6)
(b)(6) (PM, Group III Management) (b)(6) : (b)(6) (Group III Mgt
Superintendent) (b)(6)
(b)(6)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b) you've known for weeks that HP1 and HP2 are reversed. I told you this myself. They were reversed by my subcontractor based off of the numbers for the total cooling capacity for HPs 1&2 shown on WM602. If your position is that you want to see HP1 & HP2 installed per the plan then our request to NAVFAC is that you produce data from your calculations that this configuration will achieve what you want given HP sizes of 3.5 and 4.9. I am on my way over to NAVFAC now to discuss this. Thanks. R/ (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison |
cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w/ (b)(6) | c/ (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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From: (b)(6) [[\(b\)\(6\)](mailto:(b)(6))]
Sent: Monday, May 16, 2016 11:50 AM
To: (b)(6) (NAVFAC); (b)(6)
(b)(6) (NAVFAC Contract Spec); (b)(6)
(b)(6)
Cc: (b)(6) (Group III Mgt.); (b)(6) (PM, Group III Management); (b)(6) (Group
III Mgt Superintendent); (b)(6)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

The only issues we see is HP-1 was installed as HP-2 and vice versa. This is causing the units to not meet the design airflows. Recommend installing the heat pumps as shown on the contract drawings. Also for the next TAB report please provide each heat pump airflows on high and low speed.

Sincerely,

(b)(6) P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

sparkhurst@cems-ae.com

Office (b)(6)

Cell (b)(6)

From: (b)(6) [mailto:(b)(6)]

Sent: Monday, May 16, 2016 11:28 AM

To: (b)(6)

(NAVFAC) (b)(6)

(b)(6)

(NAVFAC Contract Spec)

(b)(6)

(b)(6)

Cc (b)(6)

(Group III Mgt.) (b)(6)

(b)(6) (PM, Group III Management) (b)(6)

(Group III Mgt

Superintendent) (b)(6)

Subject: RE: PRELIMINARY CLEO TAB REPORT

Re-sending this email. (b)(6) is out on leave and won't return until 6Jun. I request to find out from (b)(6) (b)(6) (CEMS) and (b)(6) (NAVFAC Norfolk) your thoughts on the initial TAB performance results (HP-1 is at 85% of design). We will be performing TAB again once we replace dampers in the CLEO. Thanks.

(b) I do not think that the TAB results will change too much after we install the new dampers. I am confused by the specs: are heat pumps held to +/- 5% tolerance? The specs states this is the case for groups 2 & 3. Heat pumps are in ground 1.

If the heat pumps, as installed, aren't accepted at 85% of design we will request CEMS run their model again using the data shown on WM602 (attached) before we take additional steps. We think the 2 high-lighted numbers may be inadvertently reversed. Thanks. R/ (b)

applied to TAB work this phase means "a measurement taken during TAB field acceptance testing which does not fall within the range of plus 5 to minus 5 percent of the original measurement reported on the TAB Report for a specific parameter."

3.3.9.1 TAB Field Acceptance Testing

During the field acceptance testing, verify, in the presence of the COTR, random selections of data (water, air quantities, air motion,) recorded in the TAB Report. Points and areas for field acceptance testing are to be selected by the COTR. Measurement and test procedures are the same as approved for TAB work for the TAB Report.

Field acceptance testing includes verification of TAB Report data recorded for the following equipment groups:

Group 1: All heat pumps and pumps.

Group 2: 25 percent of the return grilles, return registers, exhaust grilles and exhaust registers.

Group 3: 25 percent of the exhaust fans.

Further, if any data on the TAB Report for Groups 2 through 3 is found not to fall within the range of plus 5 to minus 5 percent of the TAB Report data, additional group data verification is required in the presence of the COTR. Verify TAB Report data for one additional piece of equipment in that group. Continue this additional group data verification until out-of-tolerance data ceases to be found.

Good afternoon (b) (6). Attached is an executive summary of the CLEO TAB. All items are within 5% of design max CFM except for HP-1. It is at 85%, or 15% shy. The design CFM for HP1 is 1100 (min) to 1450 (max). The actual reading during tab was 1231.

We will be performing TAB again once we replace dampers in the CLEO. We welcome your response to this preliminary TAB. Thanks. R/ (b) (6)

(b)(6) | Deputy Project Manager & Small Business Liaison |
cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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From: (b)(6) [[\(b\)\(6\)](mailto:(b)(6))]
Sent: Tuesday, May 03, 2016 9:48 AM
To: (b)(6) (NAVFAC); (b)(6)
(b)(6)
Cc: (b)(6) (Group III (b)(6) (PM, Group III
Management)
Subject: RE: PRELIMINARY CLEO TAB REPORT

(b)(6)

Please provide an executive summary at the front of the report showing all items not within specification.

Sincerely,

(b)(6) P.E., CxA, LEED AP BD+C

CEMS Engineering Inc.

sparkhurst@cems-ae.com

Office (b)(6)

Cell (b)(6)

From: (b)(6) [[\(b\)\(6\)](mailto:(b)(6))]
Sent: Monday, May 2, 2016 5:28 PM

To (b)(6)
(NAVFAC) (b)(6)
(b)(6)
(b)(6)
Cc (b)(6) (Group III Mgt.)
(b)(6) (PM, Group III Management)
(b)(6)
Subject: PRELIMINARY CLEO TAB REPORT
Importance: High

Good afternoon (b)(6). Attached is the preliminary TAB report for the CLEO building. Request your early review and comments. My team is available for a phone call if you think discussing your thoughts would help. Thanks. R/
(b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) | c (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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-----Original Message-----

From (b)(6) [[\(b\)\(6\)](mailto:(b)(6))]]
Sent: Wednesday, April 20, 2016 1:58 PM
To (b)(6)
Subject: Fw: 224887 Field TAB Report CLEO

(b)(6)

Attached is the TAB field report. Please forward this to (b)(6) for his review and comments. We are sending this to our commissioning agent for his review and comments also (he is copied on this email).

Please let us know what (b)(6) comments are as soon as possible so we can schedule the commissioning work.

-----Original Message-----

From: (b)(6)

Sent: Wednesday, April 20, 2016 11:09 AM

To: (b)(6)

Subject: FW: 224887 Field TAB Report

(b)(6)

Raleigh Division Manager / NEBB Professional

From: (b)(6) [NAVFAC MIDLANT, CI](#)
To: (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#); (b)(6) [NAVFAC MIDLANT, ROICC Camp Lejeune](#); (b)(6)
Cc: (b)(6) [\(PM, Group III Management\)](#); (b)(6) [\(Group III Mgt Superintendent\)](#); (b)(6) [MCIEAST, I&E/IDD](#)
Subject: RE: CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT
Date: Wednesday, May 25, 2016 13:50:05

(b)(6)

Are any of the following available?

Tek-wall Parable 398650 #006 Value
Tek-wall Subject 399535 #003 Snowcap
Tek Wall Sum 399592 #003 Blizzard

Any of those three would be acceptable.

V/r,
(b)(6), CID
NAVFAC Mid-Atlantic
Capital Improvements, CI4B
Interior Designer
Office (b)(6)
Fax: (b)(6)
(b)(6)

-----Original Message-----

From: (b)(6) [\[mailto:\(b\)\(6\)\]](#)
Sent: Thursday, May 19, 2016 5:10 PM
To: (b)(6) NAVFAC MIDLANT, CI; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6) NAVFAC MIDLANT, ROICC Camp Lejeune; (b)(6)
Cc: (b)(6) (PM, Group III Management); (b)(6) (b)(6) (Group III Mgt Superintendent); (b)(6)
Subject: [Non-DoD Source] CAMP LEJEUNE WILSON GATE VISITOR'S CENTER - ACOUSTICAL WALL TREATMENT
Importance: High

RE-SENDING: I forgot to include supporting information. Thanks. R/

Good afternoon (b)(6). The acoustic wall panel color that was submitted and approved in the submittal is no longer available. The fabric style you proposed was a Maharam fabric style and the color was TEK-WALL view 399432; 004 glacier. The manufacturer says this color is being phased out. They don't have any leftover stock. Maharam recommends the following as alternatives.

Tek-Wall 1002 001

Tek-Wall Annex 001, 002, 008

Tek-Wall Band 001

Tek-Wall Drift 004

Tek-Wall Lintel 003, 004

Tek-wall Measure Backed 003, 001

Tek-Wall Ramble 001

Tek-Wall Steward 001

Tek-Wall Tint 003, 002

Tek-Wall View 001, 003, 102

These can be viewed easily and clearly on their website at <http://maharam.com/search?query=tek-Wall>
<<http://maharam.com/search?query=tek-Wall>>

Will you please review and select an alternate color? Thanks. R. (b)(6)

(b)(6) | Deputy Project Manager & Small Business Liaison | cid:image001.png@01CCA871.8C8E7960 |

311 Parachute Tower Road | Camp Lejeune, NC 28542 |

Phone: w (b)(6) (b)(6) | Email: (b)(6)
<[\(b\)\(6\)](mailto:(b)(6))>

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